



Call for Papers

21st International Conference on Supercomputing

June 16-20, 2007
Crowne Plaza Seattle
Seattle WA, USA

Sponsored by ACM/SIGARCH

ICS is the premier international forum for the presentation of research results in high-performance computing systems. The 21st annual conference will include invited talks, tutorials, workshops, and panels in addition to regular technical sessions.

Papers are solicited on all aspects of research, development, and application of high-performance experimental or commercial systems, including but not limited to:

- Computationally challenging scientific and commercial applications;
- Hardware building blocks: high-performance and power-aware micro-architectures, multithreaded, multi-core and multiprocessor systems able to exploit different levels of parallelism, interconnection networks, memory organization and parallel storage and I/O;
- Software building blocks: programming models, restructuring and optimizing compilers and runtime systems, application development and performance tuning tools, novel infrastructures for Internet and Grid computing, operating systems and autonomic components at all levels;
- Performance evaluation studies and theoretical underpinnings of any of the above topics.

Papers should not exceed 6,000 words, and should be submitted electronically, in pdf or postscript format, using the ICS website at <http://www.ics-conference.org>. The review process will include a rebuttal period. The submission deadlines are given below.

Workshop and tutorial proposals will also be solicited and due by (tentatively) March 12th, 2007. For further information and future updates, refer to the ICS'07 web site at <http://www.ics-conference.org> or contact the General or Program Chairs.

General Chair

Burton Smith
Microsoft
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Program Co-Chairs

Eduard Ayguadé and Mateo Valero
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Technical University of Catalunya (UPC)
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Important Dates

<i>Abstract due:</i> February 4, 2007	<i>Paper submission deadline:</i> February 12, 2007	<i>Author notification:</i> April 16, 2007	<i>Final papers due:</i> May 14, 2007
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